Index of Claims



Application/Control No.

10/565,108

Date

Examiner

YOSHIZAWA, KEN Art Unit

Reexamination

Applicant(s)/Patent under

Felisa C. Hiteshew

1722

Rejected **Allowed** 

(Through numeral) Cancelled

Claim

Restricted

Non-Elected N

Interference

Appeal Α

0 Objected

| Claim  |   |                                       |          |             |  |  |          |          |          |                 |  |
|--|---|---------------------------------------|----------|-------------|--|--|----------|----------|----------|-----------------|--|
| Cla  | Date  |                                       |          |             |  |  |          |          |          |                 |  |
| Final  | Original  | 2/8/07                                | 1        |             |  |  |          |          |          |                 |  |
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|  | 3   |                                       |          |             |  |  |          |          |          |                 |  |
|  | 4   | ١.,-                                  | <u> </u> | <u> </u>    | _  | L.   | _        | <u> </u> |          | Ш               |  |
|  | 5   | ,                                     |          | }—          | <u> </u>   | ļ  | <u> </u> | ļ        | _        | $\sqsubseteq$   |  |
|  | 1<br>2<br>3<br>4<br>5<br>6<br>7   | J                                     | ⊢        |             |  | -  | ┝        | ├        | ⊢        | Н               |  |
| <u> </u>   | 8   | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | ├        | ⊢           | ├  | ┢  | $\vdash$ | ├        | ⊢        | $\vdash$        |  |
| $\vdash$   | 9   | ij                                    | ┢        | ┝           | ╁  | $\vdash$   | 一        |          | ┢╌       | $\vdash$        |  |
|  | 10  | V                                     |          | $\vdash$    | <del>                                     </del> | <del>                                     </del> | ┢        | ╁        | ┢        |                 |  |
|  | 11  | 1                                     |          | _           |  |  |          |          |          | П               |  |
|  | 12  | V                                     |          | Т           |  |  |          | l —      |          | П               |  |
|  | 13  |                                       |          |             |  |  |          |          |          |                 |  |
|  | 14  |                                       |          |             |  | _  |          |          |          |                 |  |
|  | 15  | <u> </u>                              | <u></u>  |             |  | <u> </u>   |          |          | _        | Щ               |  |
|  | 16  | ļ                                     | <u> </u> | <u> </u>    | ļ  | ļ  | <u> </u> | _        |          | Ш               |  |
|  | 1/  | ├                                     | ⊢        | -           |  | ├_   | <u> </u> | <u> </u> |          | $\vdash$        |  |
|  | 10  | ⊢                                     | <u> </u> | -           | _  | ┝  | _        |          |          | Н               |  |
|  | 20  | -                                     | -        | <del></del> | $\vdash$   |  | -        | ├        | ├        | $\vdash$        |  |
|  | 21  | $\vdash$                              | ┢        |             | <del> </del>                                     | <del>  -</del>                                   | ┢        | H        | ┝        | Н               |  |
|  | 22  | $\vdash$                              | <u> </u> | _           | $\vdash$   | <del> </del>                                     | $\vdash$ | -        | $\vdash$ |                 |  |
|  | 23  |                                       |          |             |  |  |          | $\vdash$ | $\vdash$ | П               |  |
|  | 24  |                                       |          |             |  |  |          |          |          |                 |  |
|  | 25  |                                       |          |             |  |  |          |          |          |                 |  |
|  | 26  | <u> </u>                              | _        |             | <u>_</u>   | L  |          | _        | _        | Щ               |  |
|  | 27  | <u> </u>                              | <b> </b> | <u> </u>    | <u> </u>   | <u> </u>   | <u> </u> |          | <u> </u> | Щ               |  |
|  | 28  |                                       | ├—       | ┝           | ┝  | ⊢  |          | ⊢        | ├        | Н               |  |
|  | 30  | ┢                                     | ├─       |             | ├  | ┢  | ⊢        | ⊢        | ├─       | H               |  |
|  | 9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>30<br>31 | -                                     | $\vdash$ | _           | ├  | ╫  | $\vdash$ |          | ┢        | Н               |  |
|  | 32  |                                       | _        | $\vdash$    | $\vdash$   |  | $\vdash$ | -        | 一        | H               |  |
|  | 33  |                                       |          |             |  | $\vdash$   |          |          | _        |                 |  |
|  | 32<br>33<br>34<br>35<br>36<br>37<br>38  |                                       |          |             |  |  |          |          |          |                 |  |
|  | 35  |                                       |          |             |  |  |          |          |          |                 |  |
|  | 36  |                                       | L        | <u> </u>    |  | _  | _        |          |          |                 |  |
|  | 37  | _                                     | _        | _           |  | <u> </u>   | <u> </u> | <u> </u> |          | Ш               |  |
| <del>                                     </del> | 38  | <u> </u>                              |          | <u> </u>    | <u> </u>   | <u> </u>   | ļ        | _        | _        | Ш               |  |
|  |   | <del> </del>                          | _        |             | _  | $\vdash$   |          | $\vdash$ | -        | $\vdash\vdash$  |  |
|  | 40  | -                                     | _        | $\vdash$    | -  | $\vdash$   | $\vdash$ | -        | _        | Н               |  |
| $\vdash$ $\dashv$                                | 42  | $\vdash$                              | _        | $\vdash$    |  | $\vdash$   | $\vdash$ | $\vdash$ | -        | $\vdash$        |  |
|  | 43  | $\vdash$                              |          |             |  | $\vdash$   |          | -        |          | Н               |  |
|  | 44  |                                       |          |             |  |  |          |          |          | П               |  |
|  | 45  |                                       |          |             |  |  |          |          |          |                 |  |
|  | 46  |                                       |          |             |  |  |          |          |          |                 |  |
|  | 47  | lacksquare                            |          |             | _  | <u> </u>   |          |          | <u> </u> | Ш               |  |
|  | 48<br>49  | <u> </u>                              | _        |             | _  | <u> </u>   | <u> </u> | _        | <u> </u> | $\vdash \vdash$ |  |
|  | 50  | Ŀ                                     | _        |             | —  | <del> </del>                                     | <b>-</b> |          | _        | $\vdash$        |  |
| ليك  | 50  |                                       |          |             |  | <u></u>  |          |          |          | 1               |  |

|                |  |  |              |  | <u> </u>   |              |          |              | Į | 9             |  |          |          |          | _ •      | ,,,,,    | _        |              |               |           | i L          |
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| 2/8/07         |  |  |              |  |  |              |          |              |   | Final         | Original   |          |          |          |          |          |          |              |               |           |              |
| _              |  | П  |              |  | ļ —  | $\vdash$     | $\vdash$ |              | 1 |               | 51   | $\Box$   |          |          |          |          |          |              | _             | $\vdash$  | lt           |
|                |  | Г  |              | <b></b>  | <del>                                     </del> | $\vdash$     | $\vdash$ |              | 1 |               | 52   | П        | -        | _        |          |          |          |              |               | $\vdash$  | t            |
|                |  | П  |              |  |  | ${}^{-}$     | $\vdash$ |              |   |               | 52<br>53<br>54<br>55<br>56<br>57                         | $\neg$   |          |          |          |          |          |              | П             | $\vdash$  | <b> </b>     |
| _              | ┢  |  | ╁            | <u> </u>   | ┢  | <del> </del> | $\vdash$ |              | İ |               | 54   | Н        |          | _        | _        |          | _        |              |               | H         |              |
| 1              | $\vdash$   | $\vdash$   | $t^-$        |  | t  | ┰            | _        |              | i |               | 55   | _        |          | _        |          | _        |          | _            | $\vdash$      | -         |              |
|                | <del>                                     </del> |  | ┢            | -  | H  |              | $\vdash$ | _            | 1 |               | 56   | -        |          | _        |          | -        |          | H            |               | -         |              |
| 1              | ┢  |  | ├            | <del>                                     </del> | ┢  | -            | $\vdash$ | -            | 1 |               | 57   | Н        |          |          |          | _        | _        | _            | -             |           | <del>│</del> |
| j              | ┢┈   | ┢  | ┢            |  |  | ┢            | $\vdash$ | $\vdash$     |   |               | 58   |          |          | _        |          |          |          | H            | $\vdash$      | ┝         | ┨            |
| $\overline{J}$ | ┢  | ⊢  | ╁            | $\vdash$   | ┢  |              | ┢        | ├─           | 1 |               | 50   | H        |          |          | _        | _        | <u> </u> | H            |               | H         | ╽            |
| Ť              | $\vdash$   | $\vdash$   | <del> </del> | ├─   | ┢  | ┢            | -        | <del> </del> | 1 |               | 59<br>60<br>61   | -        | -        |          |          | -        | _        | <del> </del> | $\vdash$      |           | <b> </b>     |
| j              | -  | -  | ⊢            | _  |  | _            | -        | ├            | 1 | -             | 61   | $\vdash$ | $\dashv$ | _        |          |          |          | H            | -             |           | ┨            |
| 1              | ├  | <del>                                     </del> | ╁            | -  |  | -            | ┝        | ⊢            | 1 | -             | 62   | $\dashv$ | -        |          |          | _        |          |              | $\vdash$      |           |              |
| Ť              | _  | -  | ├            | ⊢  | _  |              | -        | ┝            | - |               | 62   |          | -        |          |          | _        |          | <u> </u>     | $\vdash$      | _         | <b> </b>     |
| _              |  | ⊢  | ┢            | <del> </del>                                     |  | <del> </del> | $\vdash$ | _            |   |               | 63   | $\dashv$ | $\dashv$ |          |          |          |          | Н            |               |           | <b> </b>     |
| _              | _  | _  | ⊢            | ┝  |  | ├            | _        | _            |   | -             | 62<br>63<br>64<br>65<br>66<br>67<br>68<br>69<br>70<br>71 | $\dashv$ |          |          |          |          |          |              | $\vdash$      |           |              |
| _              | <u> </u>   |  | <u> </u>     |  | _  | ļ            | _        | _            |   |               | 65   |          |          |          |          |          |          |              | Ш             |           |              |
|                | <u> </u>   | <u> </u>   |              |  | <u> </u>   | <u> </u>     | _        |              |   |               | 66   |          | 4        |          |          |          |          |              | Ш             |           |              |
| _              | <u> </u>   | _  | _            | <u> </u>   |  | ļ.,          |          | _            |   |               | 6/   |          |          | _        |          |          |          |              | Щ             | _         | ł            |
|                | <u> </u>   | <u> </u>   | _            | L  | _  | ļ            | _        | _            |   |               | 68   |          |          |          |          |          |          |              | Ш             |           |              |
|                | ļ  | <u> </u>   | _            |  |  | <u> </u>     | _        |              |   |               | 69   |          | _        |          |          |          |          |              | Ш             |           |              |
|                | <u> </u>   | _  | <u> </u>     |  | _  | Ш            | _        |              |   |               | 70   |          | _        |          |          |          |          |              |               |           |              |
|                | <u> </u>   | L  | <u> </u>     |  | _  |              | $oxed{}$ |              |   |               | 71   |          |          |          |          |          |          |              |               |           |              |
|                | L  |  | <u>_</u>     |  |  |              | _        |              |   |               | 72   |          |          |          |          |          |          |              | $\Box$        |           |              |
|                | L  |  | _            | L  | _  |              |          |              |   |               | 73   |          |          |          |          |          |          |              |               |           |              |
|                | _  | 匚  |              |  |  |              |          |              |   |               | 73<br>74<br>75<br>76<br>77<br>78                         |          |          |          |          |          |          | ,            |               |           |              |
| _              | L  | _  | <u> </u>     | _  |  |              |          |              |   |               | 75   |          |          |          |          |          |          |              |               |           |              |
|                |  |  |              |  |  |              |          |              |   |               | 76   |          |          |          |          |          |          |              |               |           | Ī            |
|                |  |  |              |  |  |              |          |              |   |               | 77   |          |          |          |          |          |          |              | П             |           |              |
|                |  |  |              |  |  |              |          |              |   |               | 78   |          |          |          |          |          |          |              | П             |           | Ī            |
|                |  |  |              |  |  |              |          |              |   |               | 79<br>80   |          |          |          |          |          |          |              |               |           |              |
|                |  |  | Г            |  |  |              |          |              |   |               | 80   |          |          |          |          |          |          |              | П             |           |              |
|                | Г  |  |              |  |  |              |          |              |   |               | 81<br>82<br>83   | $\Box$   |          |          |          |          |          |              | П             |           |              |
|                |  |  |              |  |  |              |          |              |   |               | 82   | $\neg$   |          |          |          |          |          |              |               | П         |              |
| _              |  |  | _            |  |  |              |          |              |   |               | 83   | ヿ        | $\neg$   | $\neg$   |          |          |          |              |               | $\neg$    |              |
|                | _  |  |              |  | -  |              |          |              |   |               | 84   |          |          |          | _        |          |          |              | П             |           |              |
|                | _  |  | Г            |  |  | -            | $\neg$   | _            |   |               | 84<br>85   |          | T        |          |          |          |          |              | 一             | $\dashv$  |              |
|                |  |  | $\vdash$     |  |  |              |          |              |   |               | 86   | ヿ        | _        | ヿ        |          |          |          | $\neg$       |               | $\exists$ | ŀŀ           |
|                |  | Г  |              | $\vdash$   | $\vdash$   |              |          |              |   |               | 87   | -+       | 7        | $\dashv$ | -        |          |          | $\dashv$     | $\neg$        | $\dashv$  |              |
|                | _  | $\vdash$   |              |  |  |              |          |              |   |               | 87<br>88   | _        | 1        |          | $\dashv$ | $\dashv$ | -        | $\dashv$     | $\sqcap$      | $\dashv$  |              |
|                |  | $\vdash$   | Т            |  |  | $\Box$       |          |              |   |               | 89   | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\neg$   | $\dashv$     | -             | $\dashv$  | , F          |
|                | _  |  |              |  |  |              |          | _            |   |               | 89<br>90   | $\dashv$ | $\dashv$ | _        |          |          | $\neg$   | $\neg$       | $\overline{}$ | $\dashv$  | . F          |
|                |  | $\vdash$   |              | $\vdash$   | $\dashv$   | Н            | $\dashv$ | _            |   | <del> </del>  | 91   | $\dashv$ | $\dashv$ |          | $\dashv$ |          | $\dashv$ | $\dashv$     | $\dashv$      | $\dashv$  | ,            |
| 7              | -  | $\vdash$   |              | $\vdash$   | -  | $\vdash$     | -        | -            |   | <del></del> } | 92   | $\dashv$ | $\dashv$ |          | $\dashv$ | -        | $\dashv$ | $\dashv$     | $\dashv$      | $\dashv$  | ,            |
| -              |  | _  | $\vdash$     | $\vdash$   |  | -            | $\vdash$ | -            |   |               | 93   | $\dashv$ |          | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$     |               | $\dashv$  | ,            |
| $\exists$      | -  | $\vdash$   | $\vdash$     |  | -  | $\vdash$     | -        | _            |   |               | 94   | $\dashv$ | $\dashv$ | -        | $\dashv$ | -        |          | $\dashv$     | $\dashv$      | $\dashv$  | ,            |
| -              |  | -  | $\vdash$     |  |  | $\dashv$     |          |              |   |               | 95   | +        | $\dashv$ |          |          | -        | -        | $\dashv$     | $\dashv$      | $\dashv$  | ıŀ           |
| -              | _  | $\vdash$   | $\vdash$     | $\vdash$   |  | $\vdash$     |          |              |   |               | 96   | +        | $\dashv$ |          | $\dashv$ | -        |          | $\dashv$     | $\dashv$      | $\dashv$  | ,            |
| 닉              | —  | _  |              |  | _  | $\vdash$     |          | -            |   |               | 97   | $\dashv$ | $\dashv$ |          | -        |          | $\dashv$ | $\dashv$     | $\dashv$      | $\dashv$  | <sub> </sub> |
| -              | -  |  | $\vdash$     | <u> </u>   |  | $\vdash$     | -        | _            |   | -             | 98   | $\dashv$ | -        |          | $\dashv$ |          | $\dashv$ | ╼╢           | $\dashv$      | $\dashv$  | , F          |
| $\exists$      | _  |  | ├            | —  | -  |              |          |              |   |               | 99   |          | $\dashv$ |          |          | -        | $\dashv$ | $\dashv$     | $\dashv$      | $\dashv$  | , F          |
|                | —  |  | $\vdash$     | <del>-</del>                                     | -  | Н            | -        | _            |   | -             | 100  | -        | $\dashv$ |          | $\dashv$ |          | $\dashv$ |              | $\vdash$      | $\dashv$  | ŀ            |
|                | L  |  |              | L  |  |              |          |              |   |               | 100  | 1        |          |          |          |          | 1        | 1            | Ш             |           | . L          |
|                |  |  |              |  |  |              |          |              |   |               |  |          |          |          |          |          |          |              |               |           |              |

| Claim  |                   | Date     |  |  |          |          |              |  |  |                      |  |
|--|-------------------|----------|--|--|----------|----------|--------------|--|--|----------------------|--|
|  |                   |          |  |  |          |          |              |  | Π  |                      |  |
| a  | ına.              |          |  |  |          |          |              |  | 1  | 1                    |  |
| Final  | Original .        |          |  |  |          | 1        |              |  |  |                      |  |
| _  |                   |          |  |  |          |          |              |  |  |                      |  |
|  | 101<br>102<br>103 |          |  | <u> </u>   |          | _        |              |  |  | П                    |  |
|  | 102               | $\vdash$ | Г  | <del>                                     </del> | ┪        | ⇈        | $\vdash$     | <del>                                     </del> |  | П                    |  |
|  | 103               | $\vdash$ | ⇈  | ┢  | $\vdash$ | ┪        | 1            | ╁  |  | Н                    |  |
|  | 104               | $\vdash$ |  | $\vdash$   | -        | $\vdash$ |              |  |  | Н                    |  |
|  | 105               | $\vdash$ | $\vdash$   | _  |          |          |              |  |  | П                    |  |
|  | 106               |          |  | T  |          | 1        | -            | T  |  | т                    |  |
|  | 107               |          |  |  |          |          |              |  |  | П                    |  |
|  | 108               |          |  | $\vdash$   | _        | _        | 1            | _  | _  | М                    |  |
|  | 108               | Н        |  |  |          |          | T            | T  |  | Н                    |  |
|  | 110               |          |  |  |          |          | $\vdash$     |  |  | H                    |  |
| -  | 111               |          |  | <b>-</b>   |          | $\vdash$ | ┪            | _  | 1  | Н                    |  |
|  | 111<br>112<br>113 | $\vdash$ |  | <del>                                     </del> |          | $\vdash$ |              |  |  | Н                    |  |
|  | 113               | _        | $\vdash$   | <del>                                     </del> | $\vdash$ |          |              | $\vdash$   |  | Н                    |  |
|  | 114               |          |  |  | $\vdash$ |          |              |  |  | Н                    |  |
|  | 114<br>115        | _        | <del>                                     </del> | <u> </u>   | $\vdash$ | <u> </u> |              |  | $\vdash$   | Н                    |  |
|  | 116               |          | _  |  | $\vdash$ |          |              |  | $\vdash$   | $\forall$            |  |
| $\vdash$   | 117               |          |  |  | ┰        | $\vdash$ |              |  | <del>                                     </del> | $\vdash$             |  |
|  | 118               |          | ┢  | _  | -        | -        | $\vdash$     | $\vdash$   |  | Н                    |  |
|  | 119               | _        | <del> </del>                                     |  | $\vdash$ |          | $\vdash$     | $\vdash$   | $\vdash$   | Н                    |  |
| _  | 120               |          | $\vdash$   |  | $\vdash$ | $\vdash$ | $\vdash$     |  | -  | $\vdash$             |  |
|  | 120<br>121        |          |  | $\vdash$   | $\vdash$ |          | <del> </del> |  |  | $\vdash$             |  |
|  | 122<br>123<br>124 |          | $\vdash$   |  | -        |          | -            |  |  | H                    |  |
|  | 123               |          | $\vdash$   |  |          |          | $\vdash$     |  | ┢╌   |                      |  |
|  | 124               | -        | ┢  |  |          |          |              |  |  | H                    |  |
|  | 125               |          | <del> </del>                                     | _  | _        | _        | —            |  | ┢  | Н                    |  |
|  | 125<br>126<br>127 |          | ┢  |  |          | $\vdash$ |              |  |  | H                    |  |
|  | 127               | _        |  |  |          |          |              | $\vdash$   |  |                      |  |
|  | 128               |          |  |  |          |          |              | -  |  |                      |  |
|  | 128<br>129<br>130 |          | $\vdash$   | -  |          | $\vdash$ | _            | $\vdash$   | ┢  | Н                    |  |
|  | 130               |          |  |  |          |          |              | $\vdash$   |  | $\vdash$             |  |
|  | 131<br>132<br>133 |          | -  | _  | _        | ├        |              | _  | $\vdash$   | $\vdash$             |  |
| $\vdash$   | 132               |          | $\vdash$   |  | -        | $\vdash$ |              | _  | $\vdash$   | $\vdash$             |  |
| $\vdash$   | 133               |          |  |  |          | $\vdash$ |              |  |  | $\vdash$             |  |
| $\vdash$   | 134               |          |  | $\vdash$   | -        | $\vdash$ | Н—           | —  | $\vdash$   | $\vdash \vdash$      |  |
| ├─┤  | 134<br>135        |          | $\vdash$   | $\vdash$   |          | $\vdash$ | <del> </del> | _  |  | $\vdash$             |  |
| $\vdash \vdash \vdash$                           | 136               | -        | H  | Н  |          |          | $\vdash$     | $\vdash$   |  | Н                    |  |
| $\vdash$   | 137               |          | $\vdash$   | $\vdash$   | _        | $\vdash$ | -            | _  | Ι  | $\vdash\vdash\vdash$ |  |
| $\vdash \vdash \vdash$                           | 138               |          | Н  |  |          | $\vdash$ | _            | -  | -  | $\vdash$             |  |
| $\vdash$   | 139               |          |  |  |          |          |              |  |  | $\vdash$             |  |
| $\vdash \vdash \vdash$                           | 140               |          | -  | -  |          | $\vdash$ | $\vdash$     |  | _  | $\dashv$             |  |
| $\vdash$   | 141               |          | $\vdash$   | $\vdash$   |          | $\vdash$ |              |  |  |                      |  |
| $\vdash$   | 142               |          | _  |  | _        | -        |              | —  | -  | $\vdash \vdash$      |  |
| $\vdash \vdash \vdash$                           | 143               |          |  | -  |          |          |              |  | <del></del>                                      | $\vdash$             |  |
| <del>                                     </del> | 144               |          |  |  |          |          | -            | -  | —  | $\dashv$             |  |
| <del>                                     </del> | 145               |          |  |  |          |          |              |  | -  | $\vdash$             |  |
| $\vdash$   | 146               |          |  |  |          |          |              |  |  | $\vdash$             |  |
| <del>                                     </del> | 147               |          |  | -  |          |          |              |  | $\vdash$   | $\dashv$             |  |
| $\vdash \vdash \vdash$                           | 148               |          |  |  |          |          |              |  |  | $\vdash$             |  |
| $\vdash \vdash \vdash$                           | 149               |          |  | -  |          |          |              |  | H  | $\vdash$             |  |
| $\vdash \vdash \vdash$                           | 150               | _        | _  |  |          |          |              |  |  | $\vdash \vdash$      |  |
| Щ.   | 100               |          |  |  |          |          | L            |  |  | لـــــن              |  |